

Lee, Anita

From: Robert Hennkens [rhennkens@gmail.com]
Sent: Tuesday, June 04, 2013 10:20 AM
To: Hanafi Fraval
Cc: Blumenfeld, Jared; Senator John McCain; Apryl Marie Fogel; Jeremy Harrell; Alex Becenti; Pete Deswood; Tyler Biss; Jim Hughes
Subject: Fwd: Sunstone and Navajo Nation hydrocarbon solutions.
Attachments: Black Mesa Coal and Generator Solutions.pdf; Dr White's Coal Patent.pdf; Final Navajo Nation Forest Management Plan.pdf; SAMMS Adsorbents Overview.pdf; THIOL SAMMS Range of Valence.pdf; LADWP to Eliminate Coal.docx; There are a lot of discussions about the changing role of utilities and the power they produce.docx

Hanafi and Interested Parties: Jim owns many technologies that replace the need for oil and gas field fracking.

<http://www.sunstonetechnologies.net/>

I really like the idea since so much sand and chemicals are involved with fracking and no one seems to know what is happening to the water in the fracking regions.

The Navajos and SRP have real problems with the coal-fired generators. The coal in the region must have substantial natural gas above and below the seams. The region is loaded with natural gas recovery in the Farmington, NM area, southern Ute Nation just north in Colorado, and Jicarilla Apache region, just west.

The coal extraction operations sit idle at Black Mesa, Arizona for the shuttered Mojave generator in Laughlin, Nevada, and the McKinley mine that was closed at the end of last year in New Mexico

Alex has completed his NEPA for much of the 5.5 million acres of Navajo forests, woodlands, and watershed. He has no use for his needed silva-culture thinning. We can use all of this with Dr. White's extruder liquefaction technology. (patent).

What makes sense is to convert some or all of the coal-fired boilers to natural gas. Then liquefy the coal with Dr. White's process and run the coal oil through SAMMS nano filtration to capture the heavy metals mercury and lead principally. Use of natural gas with the clean coal oil will bring the boilers back into EPA certification.
Bob

----- Forwarded message -----

From: **Jim Hughes** <ubhd.jh@gmail.com>
Date: Tue, Jun 4, 2013 at 6:29 AM
Subject: Re: Grant opportunity from the National Science Foundation.
To: Robert Hennkens <rhennkens@gmail.com>

We certainly can work together and employ our short radius horizontal drilling technology.
see website: www.sunstonetechnologies.net
Until specific information is provided about the test wells I would have no idea about costs.
jim

On 6/3/2013 12:54 PM, Robert Hennkens wrote:

Jim: OK. Can we submit a proposal to drill on the Navajo lands using your technologies and suppliers? Do you have an idea about costs and time for maybe one dozen test wells? We also have one of the world's largest known shallow reserve helium resources that has been confirmed

by 36 different wells with a company looking for natural gas east of St. Johns, Arizona. No natural gas, but lots of CO2 and Helium. A fraternity brother Dennis Reilly is the president of Praxair. He has expressed interest in the Helium prospect for development. Can we work together? Bob

On Mon, Jun 3, 2013 at 11:34 AM, Jim Hughes <ubhd.jh@gmail.com> wrote:
I still live in Denver. I don't work out of our home office.

On 6/3/2013 12:32 PM, Robert Hennkens wrote:

No more in Colorado? Bob

On Mon, Jun 3, 2013 at 11:26 AM, Jim Hughes <ubhd.jh@gmail.com> wrote:
SunStone Technologies home office is in OKC, OK.

On 6/3/2013 10:04 AM, Robert Hennkens wrote:

Jim: Where is your office located now? Bob

Lee, Anita

From: Robert Hennkens [rhennkens@gmail.com]
Sent: Tuesday, April 02, 2013 8:43 AM
To: Tyler Biss
Cc: Faculty Director Kris Mayes; Blumenfeld, Jared; Sam Woods; Philip Viles, Chief Capital Investment; Joseph and Janice Gross; Doug Fant
Subject: Re: EPA Hg rules on new fossil fueled generators and fossil fuel storage tanks
Attachments: SAMMS Orientation.pdf; THIOL SAMMs Range of Valence.pdf; LADWP to Eliminate Coal.docx; Black Mesa Coal and Generator Solutions.docx

Tyler: Thanks for the input. It is an important bit of information that SAMMS will work to capture emissions of lead and mercury gas, as well as from hot oil, and water streams. LA Power and Light is leaving the consortium that purchases electricity from the Navajo Electricity Coal Generator that uses coal from the Black Mesa Hopi and Navajo Nation and produces the electricity to powers the CAP water pumping that provides Colorado River water to farmers, Phoenix, and Tucson. Bob

On Mon, Apr 1, 2013 at 12:05 PM, Tyler Biss <tbiss@stewardmaterials.com> wrote:

Bob-

I see no reason why the THSL materials would not work for "Hg gas" as it does for "Hg water." Currently, Steward's focus is in other venues , but that does not mean we can't offer materials or technical support.

Let me know if there is specifically something Steward can help with.

Best,

Tyler

From: Robert Hennkens [<mailto:rhennkens@gmail.com>]
Sent: Friday, March 29, 2013 12:53 PM
To: Tyler Biss
Cc: Next Move LLC; Neil Rossmeisl - DoE Biomass Energy; Doug Fant
Subject: EPA Hg rules on new fossil fueled generators and fossil fuel storage tanks

Tyler:

We should collaborate to manufacture a new SAMMS Hg capture OEM or retrofit system for both new and existing fossil fueled generators. Bob

Lee, Anita

From: Lee, Anita
Sent: Tuesday, March 19, 2013 11:21 AM
To: Jordan, Deborah
Subject: RE: Can you come into my ofc now for the latter half of the 3-agency NGS call?

hi Debbie, sorry, I am home with the kids today - Melia has an ear infection. I gave Colleen and Ann my number at home for the 11:30 baghouse meeting.

Thanks!
anita

From: Jordan, Deborah
Sent: Tuesday, March 19, 2013 10:36 AM
To: Lee, Anita
Subject: Can you come into my ofc now for the latter half of the 3-agency NGS call?

Colleen and I both have meetings at 11.
Deborah Jordan
Director, Air Division
EPA Region 9
(415) 972-3133

Lee, Anita

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Lee, Anita

From: W Auberle [wauberle@en3pro.com]
Sent: Tuesday, March 19, 2013 9:38 AM
To: Barr Kelly J; Hummel Michael (Mike); Sullivan John F; Pratt James M (Jim); Belin, Letty; rhandler@usbr.gov; dpalumbo@usbr.gov; stephenbetsitty@navajo-nsn.org; harrisontsosie@navajo-nsn.org; Patton Vickie; bvpolk; Rob Smith; Linus Everling; dpongance@akingump.com; David Modeer; Marie Pearthree; Jordan, Deborah; W Auberle; Karin Wadsack; nellis.khoward@sierraclub.org
Cc: Blanning Sue E; J Roberts
Subject: NGS-TWG meeting agenda
Attachments: Mtg Agenda for 3-21-13.docx

Greetings NGS-TWG Meeting Participants,

Thank you for agreeing to participate in the first meeting of the NGS Technical Work Group. We will convene at SRP on Thursday promptly at noon, and expect to meet for the entire afternoon. Attached is the meeting agenda. You will observe quickly that we have much information to cover, and necessarily will adhere to the schedule. If you have any questions prior to Thursday, please call.

Bill Auberle
(928) 380-4780

Lee, Anita

From: McKaughan, Colleen
Sent: Monday, March 18, 2013 5:15 PM
To: Jordan, Deborah; Lee, Anita
Subject: RE: NGS Powerpoint for Tribes

Not responsive

[REDACTED]

I looked at what we said about the 3-agency statement and it says we are moving ahead on the NREL report which is consistent with what Janet told CAP. CAP mentioned that getting the conversation started ASAP with stakeholders would help get NGS out of the political arena, and they indicated moving ahead on the NREL report was the right kind of signal.

From: McKaughan, Colleen
Sent: Monday, March 18, 2013 5:02 PM
To: Jordan, Deborah; Lee, Anita
Subject: RE: NGS Powerpoint for Tribes

Thanks, I'll print off the tribal powerpoint. It will be one less thing to do tomorrow:-)

From: Jordan, Deborah
Sent: Monday, March 18, 2013 4:58 PM
To: McKaughan, Colleen; Lee, Anita
Subject: RE: NGS Powerpoint for Tribes

I didn't make changes to that one. I'm making a few to the other one, which I'll share tomorrow – nothing substantive, just making some bullets shorter, for example. The presentations are in good shape. I do want to look at the 3-agency slide in light of what Janet said in the CAP meeting and see whether you recommend any changes to that one.

From: McKaughan, Colleen
Sent: Monday, March 18, 2013 4:49 PM
To: Jordan, Deborah; Lee, Anita
Subject: NGS Powerpoint for Tribes

Hi, Debbie and Anita,

I have to go to Tohono O'odham tomorrow and I'm hoping to use the presentation that we will use at ITCA on Thursday. Debbie - Did you make changes to that presentation? I can work with Anita tomorrow morning to make final edits. I have to bring hard copies with me when I leave at noon. Thanks!

Colleen

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Lee, Anita

From: Haase, Scott [Scott.Haase@nrel.gov]
Sent: Wednesday, March 13, 2013 12:44 PM
To: Hoeft, Cynthia; Lee, Anita; Carol McCoy; Catherine Wilson; McKaughan, Colleen; Dave Palumbo; Hurlbut, David; Jordan, Deborah
Subject: RE: 3-agency Working Group meeting March 19 - VTC or phone?


David H. and I would like to participate by VTC

From: Hoeft, Cynthia [<mailto:choeft@usbr.gov>]
Sent: Wednesday, March 13, 2013 1:41 PM
To: Anita Lee; Carol McCoy; Catherine Wilson; Colleen McKaughan; Dave Palumbo; Hurlbut, David; Deborah Jordan; Haase, Scott
Subject: 3-agency Working Group meeting March 19 - VTC or phone?

The next 3-agency working group meeting is scheduled to be held at the DOI building in DC on March 19 at 1 pm EDT.

I need to know from those outside of the DC area if you want to participate via VTC or by phone. If you did not participate via VTC at the last working group meeting at DOI, I will need to work with you or the correct person at your office to get information to ensure we can conduct a test prior to the meeting Tuesday.

(Cathy I know you are not available and won't be there, but wanted to include you in case something had changed.)

Thanks much - Cindy Hoeft
providing staff assistance on NGS to Letty Belin
202-208-4182 work


Personal information


Lee, Anita

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personal information

Lee, Anita

From: McKaughan, Colleen
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To: Lee, Anita
Subject: RE: Friday's Process Workgroup Call

Thanks, Anita!

From: Lee, Anita
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To: McKaughan, Colleen
Subject: RE: Friday's Process Workgroup Call

Hi Colleen, I plan to be in on Friday, and the call is on my calendar. Perhaps we can touch base on Thursday in case there is anything you want me to express on the call. Have a good CDO on Friday!!

Anita Lee, PhD
Environmental Scientist
US EPA, Air Division, Planning Office (Air-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3958

From: McKaughan, Colleen
Sent: Tuesday, March 12, 2013 9:35 AM
To: Lee, Anita
Subject: Friday's Process Workgroup Call

Hi, Anita,

Are you working on Friday? I was wondering whether you would be able to cover the 3-agency sub-group call. It's my CDO and I was hoping to take it. If you aren't working, don't worry about it. I can check in with Tamara. Thanks!
Colleen

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Colleen

Lee, Anita

From: Lee, Anita
Sent: Monday, March 11, 2013 2:15 PM
To: choeft@usbr.gov
Subject: Accepted: Invitation: 3-Agency NGS Working Group Meeting - place holder @ Tue Mar 19, 2013 1pm - 2:30pm (lee.anita@epa.gov)

Lee, Anita

From: McKaughan, Colleen
Sent: Monday, March 11, 2013 8:43 AM
To: Jordan, Deborah
Subject: RE: Navajo Generating Station - TWG

I agree, but they have lunch in there which means we don't start until 1 PM. We will have to pay for lunch. I'm not sure why we shouldn't excuse ourselves after our remarks because we don't care what protocols they follow.

From: Jordan, Deborah
Sent: Monday, March 11, 2013 8:34 AM
To: McKaughan, Colleen
Subject: FW: Navajo Generating Station - TWG

Let's discuss. That seems like a long time for us to be there. I need to be clear upfront about how much back and forth we can engage in.

From: W Auberle [<mailto:wauberle@en3pro.com>]
Sent: Friday, March 08, 2013 5:58 PM
To: Jordan, Deborah
Cc: J Roberts; Barr Kelly J; Karin Wadsack
Subject: Re: Navajo Generating Station - TWG

Debbie,

I'm very pleased that you will join us.

As for our schedule, we will begin with lunch!

Following, in order, will be a brief welcome, re-statement of purpose, and intros; remarks from you (including a likely Q&A); explanation of TWG procedures and protocols; discussion of outreach to other interested parties (communications); discussion of TWG scope; and planning and scheduling of subsequent meetings.

Necessarily this and all meetings will be held to a tight agenda and time allocation. Given the above, you are welcome to depart at anytime (following your remarks, of course). For your travel planning, your direct engagement should end by 3:15.

If you have additional thoughts or questions, please let me know.

Bill

On Fri, Mar 8, 2013 at 9:05 AM, Jordan, Deborah <Jordan.Deborah@epa.gov> wrote:
Thank you, Bill.

I would be happy to come, and to speak about the BART proposal, the schedule for the rule making, etc.

I'm assuming that you wouldn't want me to stay for the full meeting, given that I can't be part of developing options, which I understand to be the purpose of the group. Could you give me a sense of how you're going to structure the day so that we might determine how my role fits within the meeting and how long I should plan to be there?

Thanks so much.

Debbie

From: W Auberle [mailto:wauberle@en3pro.com]

Sent: Thursday, March 07, 2013 6:10 PM

To: Jordan, Deborah

Cc: J Roberts; Barr Kelly J; Karin Wadsack

Subject: Navajo Generating Station - TWG

Hi Debbie,

As you are aware Salt River Project is forming a technical work group to assist with planning for the Navajo Generating Station. Since the requirements of the Clean Air Act as administered by EPA are principal drivers of this endeavor, we would like for you to join the work group at the first meeting on March 21. Certainly you can help this group to understand (among other things) the scope and schedule of the BART rule making now well underway.

I have attached a copy of the invitation that went to several key entities having great interest in NGS planning. If you have any questions about this request/invitation, please call on me. I look forward to seeing you again on the 21st.

Bill

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